

10/528845

JC06 Rec'd PCT/PTO 23 MAR 2005

Express Mail No. ER 953583617 US

Docket No. 21419 US C038435/0185660

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS
DESIGNATED/ELECTED OFFICE (DO/EO/US) UNDER THE PATENT
COOPERATION TREATY CONCERNING A FILING UNDER 35 U.S.C. § 371

In re Application of:)
Tatsuo HOSHINO *et al.*)
Based on Int'l Application No.: PCT/EP2003/010575) Examiner: Not yet assigned
International Filing Date: 23 September 2003) Art Unit: Not yet assigned
Filed: Herewith)
For: **A GENE ENCODING VITAMIN B₆ PHOSPHATE
PHOSPHATASE AND USE THEREOF**)

New York, NY
March 23, 2005

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record the following documents (clean copies and a Form PTO-1449 listing the documents are enclosed). The following documents were cited in the International Search Report, mailed April 21, 2004 in the International application corresponding to the above-captioned case.

FOREIGN PATENT DOCUMENTS

	<u>Document No.</u>	<u>Date</u>	<u>Country</u>
B1	WO 03/000875	1/3/2003	PCT
B2	0 950 715 A2	10/20/1999	Europe

OTHER DOCUMENTS

- C1 Tazoe, M. et al., "Production of Vitamin B₆ in Rhizobium," Biosci. Biotechnol. Biochem. v. 63, no. 8, pp. 1378-1382 (1999).
- C2 Tazoe, M. et al., "Biosynthesis of Vitamin B₆ in Rhizobium," J. Biol. Chem., v. 275, no. 15, pp. 11300-11305 (2000).
- C3 Capela, D. et al. "Analysis of the Chromosome Sequence of the Legume Symbiont *Sinorhizobium meliloti* Strain 1021," Proc. Natl. Acad. Sci., v. 98, no. 17, pp. 9877-9882 (2001). EBI Database Abstract No. XP-002275874.
- C4 Yang, Y. et al., "Involvement of the gapA- and epd (gapB)-Encoded Dehydrogenases in Pyridoxal 5'-Phosphate Coenzyme Biosynthesis in *Escherichia coli* K-12," J. Bacteriol., v. 180, no. 16, pp. 4294-4299 (1998).

The Examiner's independent consideration of all of these documents and their relevance before issuance of the first official action is respectfully requested. The Examiner is also requested to initial and return a copy of the accompanying form PTO-1449 to evidence such consideration.

Copies of the International Search Report and International Preliminary Examination Report are included herewith. All documents cited in these reports are identified herein.

This Information Disclosure Statement is being filed in accordance with the provisions under 37 C.F.R. §1.97(b)(2), within three months of the date of entry of the national stage of the international application. Accordingly, no fee is believed to be due. If, however, a fee is due, please charge the same to Deposit Account No. 02-4467. A duplicate copy of this sheet is enclosed.

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If the Examiner has any questions regarding this paper, please contact the undersigned attorney.

Respectfully submitted,

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Form PTO-1449 (Rev.)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21419 US C038435/0185660	10/528845 INTERNATIONAL APPLICATION NO.: PCT/EP2003/010575
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Tatsuo HOSHINO <i>et al.</i>	
		INTERNATIONAL FILING DATE 23 September 2003	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	U.S. Patent Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
B1	WO 03/000875	1/3/2003	PCT					
B2	0 950 715 A2	10/20/1999	Europe					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C1	Tazoe, M. <i>et al.</i> , "Production of Vitamin B ₆ in Rhizobium," <u>Biosci. Biotechnol. Biochem.</u> v. 63, no. 8, pp. 1378-1382 (1999).
C2	Tazoe, M. <i>et al.</i> , "Biosynthesis of Vitamin B ₆ in Rhizobium," <u>J. Biol. Chem.</u> , v. 275, no. 15, pp. 11300-11305 (2000).
C3	Capela, D. <i>et al.</i> , "Analysis of the Chromosome Sequence of the Legume Symbiont <i>Sinorhizobium meliloti</i> Strain 1021," <u>Proc. Natl. Acad. Sci.</u> , v. 98, no. 17, pp. 9877-9882 (2001). EBI Database Abstract No. XP-002275874.
C4	Yang, Y. <i>et al.</i> , "Involvement of the <i>gapA</i> - and <i>epd</i> (<i>gapB</i>)-Encoded Dehydrogenases in Pyridoxal 5'-Phosphate Coenzyme Biosynthesis in <i>Escherichia coli</i> K-12," <u>J. Bacteriol.</u> , v. 180, no. 16, pp. 4294-4299 (1998).

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.